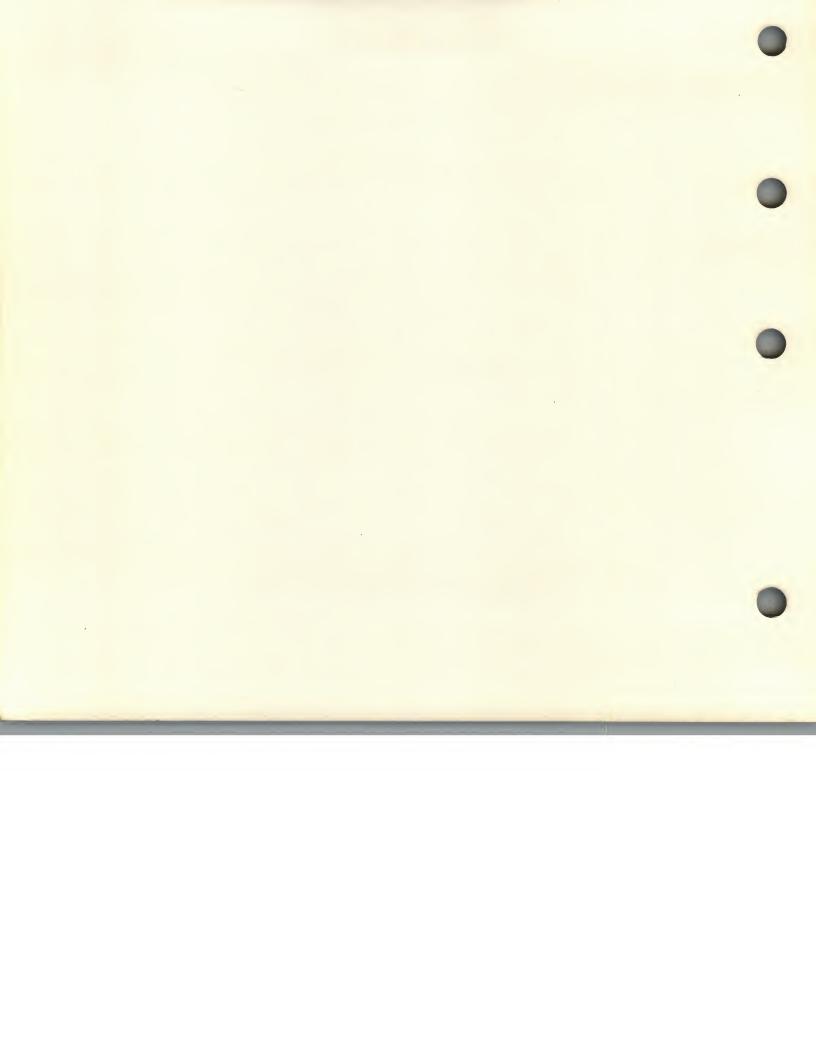


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# RSTS/E Documentation Directory

Order Number: AA-2642H-TC

This document contains general descriptions of RSTS/E software documentation. It describes the documents specific to RSTS/E as well as some of the optional software and documentation associated with the operating system. This document also contains ordering information for RSTS/E documentation.

Operating System and Version: RSTS/E Version 10.0

Software Version: RSTS/E Version 10.0

#### August 1990

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DECSA	OS/8	VAX
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## Chapter 4 Ordering Information

## **Preface**

This directory describes the software documentation for the RSTS/E operating system. It introduces the RSTS/E manuals and helps you determine which ones you need to use the system.

#### This directory has four chapters:

Chapter 1 Describes how the RSTS/E documentation set is organized.

Chapter 2 Summarizes each manual in the RSTS/E set. If you are looking for

information on a particular system topic, this summary can help

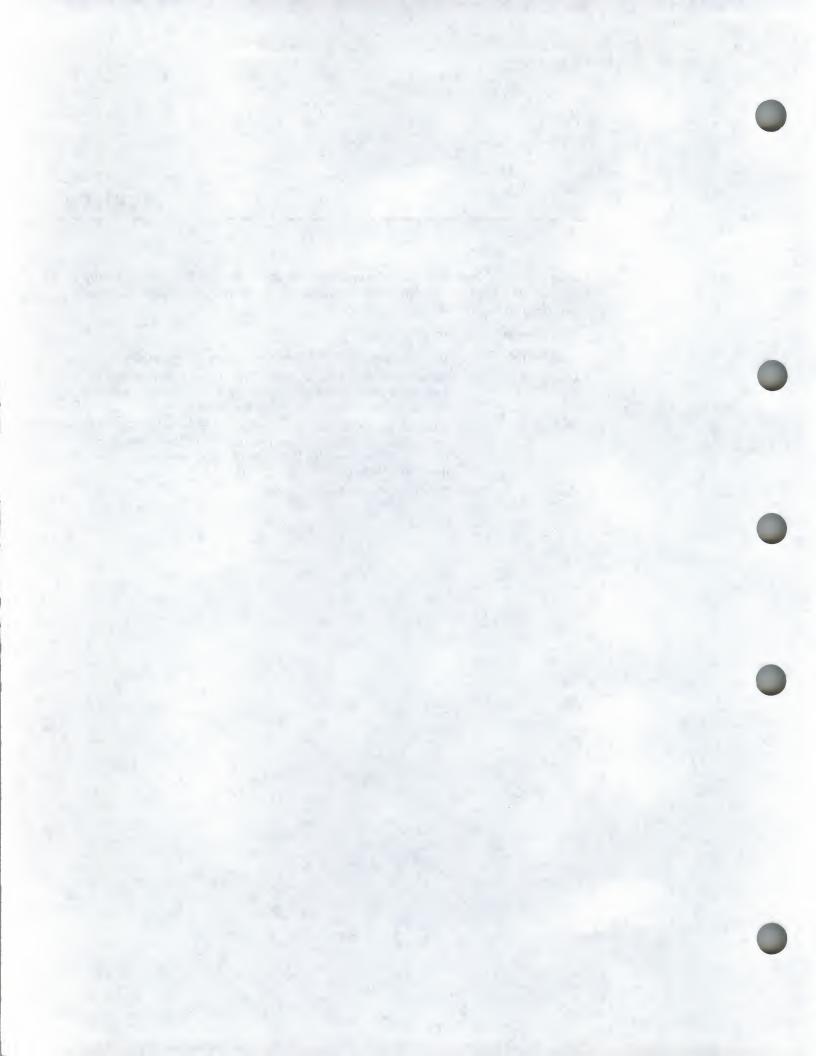
you locate the manual containing that information.

Chapter 3 Lists the documentation for products associated with RSTS/E. If you

are looking for information on products for RSTS/E offered under separate license, use this list to obtain order numbers for manuals

describing those products.

Chapter 4 Tells how to order Digital manuals.



## **Overview of the Documentation Set**

The RSTS/E documentation set is packaged in binders and organized in nine volumes:

Volume 1 General Information and Installation

Volume 2 System Management

Volume 3 System Usage

Volume 4 Utilities

Volume 5 BASIC-PLUS

Volume 6 System Programming
Volume 7 MACRO Programming

Volume 8 Internals and Data Structures

Volume 9 RMS (Record Management Services)

Volume 1, General Information and Installation, is one binder that describes the system and how to install it. Volume 1 contains: RSTS/E Documentation Directory, RSTS/E V10.0 Release Notes, RSTS/E V10.0 Maintenance Notebook, RSTS/E System Installation and Update Guide.

Volume 2, System Management, is one binder that provides information for managing and maintaining the system. Volume 2 contains: RSTS/E System Manager's Guide.

Volume 3, System Usage, is one binder that explains RSTS/E concepts and describes system commands. Volume 3 is for all levels of user and contains: RSTS/E System User's Guide, and RSTS/E Guide to Writing Command Procedures, PDP-11 SORT/MERGE User's Guide.

Volume 4, Utilities, is three binders that describe the EDT text editor, the RUNOFF text formatter, RT11- and RSX-based utilities used for developing programs, the SORT/MERGE utility used for sorting RMS-11 files, and TECO—an unsupported editor popular with programmers. Volume 4 contains: RSTS/E Utilities Reference Manual, Introduction to the EDT Editor, RSTS/E RUNOFF User's Guide, PDP-11 TECO User's Guide, EDT Editor Manual, RSTS/E Task Builder Reference Manual, RSTS/E Programmer's Utilities Manual, and RSTS/E RT11 Utilities Manual.

Volume 5, BASIC-PLUS, is one binder for BASIC-PLUS programmers. Volume 5 contains: BASIC-PLUS Language Manual.

Volume 6, System Programming, is one binder for BASIC-PLUS, BASIC-PLUS-2, and MACRO programmers, and for those who use BASIC-PLUS to perform system operations. Volume 6 contains: RSTS/E Programming Manual.

Volume 7, MACRO Programming, is two binders that describe the MACRO-11 language, ODT (the Octal Debugging Tool), and system directives accessible through MACRO. Volume 7 contains: RSTS/E System Directives Manual. IAS/RSX-11 ODT Reference Manual, PDP-11 MACRO-11 Language Reference Manual, and RSTS/E RMS-11 MACRO Programmer's Guide.

Volume 8, Internals and Data Structures, is one binder that provides developers and maintenance programmers with a comprehensive technical overview of the RSTS/E monitor. Volume 8 contains: RSTS/E Internals and Data Structures Manual.

Volume 9, RMS, is one binder for programmers who use the PDP-11 Record Management Services (RMS-11). Volume 9 contains: RSTS/E RMS-11: An Introduction, RSTS/E RMS-11 User's Guide, and RSTS/E RMS-11 Utilities Manual.

In addition to the regular size binders, the documentation set includes a smaller binder containing quick reference material. This RSTS/E Quick Reference Guide provides summary information on system use, system utility programs, DCL commands, BASIC-PLUS and system programming, and RMS.

The RSTS/E documentation set also includes the following two documents: Introduction to BASIC and EDT Quick Reference Guide.

## **Manual Summaries**

This chapter describes each manual in the RSTS/E set.

If this is your first time using RSTS/E, you may wonder which manual to read first. The RSTS/E System User's Guide is a good place to start. It provides general rules for using the Digital Command Language (DCL) on RSTS/E systems and describes DCL commands for file, system, and programming operations. This manual also contains a glossary of terms used throughout the RSTS/E documentation set.

If you plan to install the system, read the RSTS/E V10.0 Release Notes and then consult the RSTS/E System Installation and Update Guide.

If you need to know the fundamentals of BASIC programming, read the Introduction to BASIC.

If you need information on a particular topic or are upgrading to V10.0, the summaries in this chapter list the major topics covered in each manual. The summaries also note changes in their contents and organization for this release.

Order numbers marked "(update)" indicate a set of replacement pages to insert into the manual. When you order a manual that has an update package, include order numbers for both the manual and the update package.

#### Handbooks and Quick Reference Guides 2.1

#### Introduction to BASIC AA-0155B-TK

This handbook introduces the beginning programmer to programming concepts and the BASIC language. It is compatible with structured programming and BASIC-PLUS-2, but can also be used as a learning tool for BASIC-PLUS and other BASIC languages.

- Language concepts (statements, numbers, operators, variables, and commands)
- Structured programming
- Loops and arrays
- Math and string functions
- **Subroutines**
- **Files**

#### EDT Quick Reference Guide AA-M477A-TK

This spiral-bound booklet provides a brief summary of the commands, functions, qualifiers, and specifiers available with the EDT editor. It is a supplement to Introduction to the EDT Editor and the EDT Editor Manual, and is intended as a memory refresher for the commands and functions that these manuals cover in detail.

#### Topics include:

- EDT in keypad, line, and nokeypad modes
- SET and SHOW commands
- Journal facility
- Start-up command files
- Defining keys
- EDT Macros
- Keypad editing keys for VT52, VT100-family, and VT200-family terminals
- Keypad key numbers

#### RSTS/E Quick Reference Guide

#### AA-EZ13C-TC

This guide, in a 7 by 9 inch binder, summarizes system and command language information in a quick reference format.

#### Topics include:

- General system information, such as file specifications and file operations
- Condensed reference information for all DCL commands, including privilege information
- Overview of system utility programs (such as PIP, FIT, and DIRECT)
- RMS utility programs
- Summary of BASIC-PLUS statements, commands, and functions
- Devices (such as terminals, disks, and line printers)
- Character sets (ASCII, RADIX-50, and 8-BIT)
- · RSTS/E and RMS error codes
- CCL syntax and parsing

### 2.2 General Information and Installation

#### RSTS/E V10.0 Release Notes AA-NB17B-TC

These notes describe new features and explain functional differences between V10.0 and V9.0, the previous release of RSTS/E. Read them before you install your system.

#### Topics include:

- New software features
- New device support
- System installation notes
- Helpful hints
- Differences between versions
- Distribution kit order numbers (including tapes, disks, and the location of control files)

### RSTS/E V10.0 Maintenance Notebook

AA-L997E-TC

This notebook contains optional updates for RSTS/E features. All updates described in this notebook are on the RSTS/E Installation Kit included with your V10.0 software.

#### Topics include:

- Explanation of the component numbering system
- Software Performance Report guidelines
- Compilation of all current mandatory and optional updates

This notebook is a working document. To keep it up to date, add the articles on RSTS/E and layered product software that are published in the RSTS/ESoftware Dispatch and are relevant to your installation. These articles are published periodically over the life of this version and discuss reported problems and solutions, programming notes, and documentation corrections.

#### RSTS/E System Installation and Update Guide AA-2669K-TC

The RSTS/E System Installation and Update Guide explains how to install a new RSTS/E V10.0 system, update an existing V9.0 system, upgrade to V10.0 from a previous version of RSTS/E, and perform an online system installation. It also provides a reference section that describes all of the INIT.SYS offline options.

Use the RSTS/E System Installation and Update Guide along with the RSTS/E V10.0 Release Notes and the RSTS/E System Manager's Guide. The RSTS/E V10.0 Release Notes describe system hardware and software changes and additions you need to know before installing RSTS/E. After you install RSTS/E, refer to the RSTS/E System Manager's Guide for information about programs and DCL commands you can use to maintain and tune the system.

- Preparing system disks
- Configuring the RSTS/E monitor
- Installing system programs
- Installing layered products
- Starting timesharing

### 2.3 System Management

## RSTS/E System Manager's Guide AA-2762H-TC

This guide describes how to operate and manage a RSTS/E system. Because most of the DCL commands included in this guide require privilege to use, its use should be restricted to the system manager and users with the required privileges.

#### Topics include:

- RSTS/E system structure
- Multiple privileges
- System start-up, shutdown, and automatic restart
- Managing accounts, quotas, and privileges
- Managing terminals and mass storage devices
- Managing Print/Batch Services and the OPSER-based spooling package
- · Managing system error processing
- Managing system files and logical names
- Managing jobs
- · Backing up and restoring files

### 2.4 System Usage

#### RSTS/E System User's Guide AA-EZ12B-TC

This manual introduces RSTS/E concepts, contains general information about RSTS/E, provides rules for using the Digital Command Language (DCL) on RSTS/E, and describes commands for file, system, and programming operations. It also provides a glossary of RSTS/E terms.

- Basic system concepts
- DCL command syntax
- File manipulation commands
- System and account commands (displaying status, changing your password)
- Terminal operation commands
- Device commands and logical names
- Print/Batch Services (PBS) Commands
- Program development (source compilation, linking, and execution)

## RSTS/E Guide to Writing Command Procedures AA-CF03A-TC

This manual describes concepts and techniques for developing command procedures using DCL commmands.

#### Topics include:

- Basic DCL concepts
- Using symbols in command procedures
- Using operands, operators, and coverting values in expressions
- Using DCL functions in command procedures
- · Opening, reading, writing, and closing files
- Interacting with command files
- Controlling execution flow in command procedures
- Controlling error conditions and Ctrl/C interruptions
- Controlling terminal output

## PDP-11 SORT/MERGE User's Guide AA-CI67B-TC

This guide describes the use of PDP-11 SORT/MERGE to reorder and combine files on the following systems: RSTS/E, RSX-11M, RSX-11M-PLUS, and Micro/RSX.

#### Topics include:

- Elementary use at DCL level
- Use with qualifiers in DCL and MCR/CCL command lines
- Use of specification files to define parameters and perform special functions
- Use in an application program
- Optimization techniques to improve system performance
- Error messages
- Multinational collating sequence

### 2.5 Utilities

## RSTS/E Utilities Reference Manual AA-EZ11A-TC

This manual is helpful for anyone who uses the RSTS/E operating system. It contains summary and detailed information for each of the RSTS/E utility programs. This information is organized alphabetically by program name.

- Programs such as DIRECT and HELP, which are useful to the inexperienced user
- File transfer programs such as PIP, which are useful to the experienced user
- OPSER-based Batch Processor control statements

### Introduction to the EDT Editor

AA-K443A-TC

This tutorial manual complements the *EDT Editor Manual*. It briefly describes basic EDT features and leads the reader through sample keypad, line, and nokeypad editing sessions. You should be able to do the sample sessions and learn the basics of EDT in about three hours.

#### Topics include:

- · General information about EDT features, and three editing modes
- Keypad editing with the gold key and keypad functions
- Entering line editing commands
- Entering nokeypad editing commands
- Using advanced editing techniques (merging files, using multiple buffers and start-up command files, and redefining keys)

#### RSTS/E RUNOFF User's Guide

AA-3337B-TC

This guide describes RUNOFF, a RSTS/E system library program used to format reports, memos, and other documents.

#### Topics include:

- · Invoking the program
- Creating a source file
- · Commands for text and page formatting
- · Commands for setting modes and parameters

#### **EDT Editor Manual**

AA-M476A-TK

This manual describes the EDT interactive text editor. It shows how to create and update files with EDT and also serves as a reference source.

- EDT editing concepts
- Sample editing sessions in line, keypad, and nokeypad modes
- Journal files and recovery
- Access to EDT on RSTS/E and other operating systems
- Keypad editing commands
- Line editing commands
- Nokeypad editing commands
- SET and SHOW commands
- Defining your own keys

## RSTS/E Task Builder Reference Manual AA-5072D-TC

This manual describes how to use the Task Builder (TKB) to link separately compiled programs and subprograms with appropriate library routines to produce an executable file. The Task Builder, the linker for the RSX-based languages, works with object files compiled or assembled from source programs written in BASIC-PLUS-2, COBOL-81, PDP-11 C, FORTRAN-77, DIBOL, and the MAC assembler. In addition to doing simple (nonoverlaid) builds, you can also specify an overlay structure for your program. This manual explains what overlays are and shows you how to set up an Overlay Description Language (ODL) file.

#### Topics include:

- · Task Builder, overlay, and library concepts
- Designing co-tree structures to reduce virtual address space
- · Using the autoload indicator symbol to specify autoload vectors
- How the Task Builder works with program sections (PSECTs)
- How to build your own memory resident areas and clusterable libraries
- Alphabetic reference sections for Task Builder switches and options and the Overlay Description Language
- Task Builder error messages
- · How the Task Builder divides a user task into I-and O-space

#### RSTS/E Programmer's Utilities Manual

AA-D749A-TC

AD-D749A-T1 (update)

AD-D749A-T2 (update)

This manual describes four RSX-based utility programs available to RSTS/E users who program in MACRO or a high-level language.

#### Topics include:

- MAC, which creates object modules from MACRO source programs
- LBR, which creates and maintains object libraries of frequently used routines
- PAT, which lets you modify code in a relocatable binary object module
- MAKSIL, which creates save image library (SIL) files, run-time system image files, and resident libraries

## RSTS/E RT11 Utilities Manual

AA-M213A-TC

This manual describes the RT11-based utility programs available to RSTS/E users who program in MACRO or FORTRAN-IV.

- MACRO, which creates object modules from MACRO source programs
- LIBR, which creates and maintains object libraries of frequently used MACRO or FORTRAN-IV routines and macro libraries for the MACRO assembler

- LINK, which accepts object modules from an assembler or a compiler and produces an executable file
- PAT, which lets you modify code in a relocatable binary object module

These RT11-based programs parallel the RSX-based utilities described in the RSTS/E Programmer's Utilities Manual and the RSTS/E Task Builder Reference Manual.

#### PDP-11 TECO User's Guide AA-K420B-TC

This manual describes TECO, which is an unsupported editing program distributed with RSTS/E. The first section contains basic information and introduces enough TECO commands for new users to create and edit files. The rest of the manual describes all TECO commands and explains how to create TECO programs for complex editing tasks.

#### Topics include:

- · Creating and editing basic text files
- · Invoking and using TECO as a programming language
- TECO conventions and structures (character set, command format, and data structures)
- Editing command strings with immediate action commands, immediate action aids, and operating system character filters
- Detailed descriptions of the full TECO command set (including commands for file specification, page manipulation, buffer pointer manipulation, text type out, deletion, and more)
- Reference sections on the ASCII character set, error messages, and incompatible, obsolete, and system specific commands
- Reference sections describing RT-11, RSTS/E, RSX-11, VAX/VMS, OS/8, and TOPS-10 operating characteristics

#### 2.6 BASIC-PLUS

#### BASIC-PLUS Language Manual AA-2623D-TC

This manual describes the BASIC-PLUS programming language and how you use it on RSTS/E. The manual includes material on BASIC-PLUS program development as well as hints for compatibility with BASIC-PLUS-2.

- The relationship between BASIC-PLUS and the RSTS/E operating system
- Commands and procedures for writing, running, modifying, and debugging BASIC-PLUS programs (including immediate mode procedures)
- BPCREF, a debugging tool that generates a cross-reference listing of compiled BASIC-PLUS programs
- EXTEND and NOEXTEND formats

- Data types, expressions, and elementary BASIC-PLUS statements
- String functions, integer and floating-point operations, matrices, statement modifiers, and error handling
- BASIC-PLUS data handling, including formatted ASCII, virtual array and block I/O files

### 2.7 System Programming

#### RSTS/E Programming Manual AA-EZ09B-TC

This manual is for BASIC-PLUS, BASIC-PLUS-2, and MACRO programmers, familiar with RSTS/E system concepts and features. If you program in BASIC-PLUS or BASIC-PLUS-2, this manual can help you use device-dependent features and system function calls. If you program in MACRO, you can use this manual as a companion to the RSTS/E System Directives Manual.

- System disk structure
- Privilege information
- File-structured and non-file-structured disk operations with MODE and SPEC%
- Flexible diskette operations with MODE and SPEC%
- File-structured and non-file-structured tape operations with MODE, SPEC%, and the MAGTAPE function
- Line printer control with MODE, RECORD, and SPEC%
- Terminal operations with MODE, RECORD, and SPEC%
- Escape sequences
- Private delimiters
- Pseudo keyboards
- DECtape, paper tape, and card reader operations
- DMC11/DMR11 interprocessor link
- System function calls (SYS calls)
- System calls for local interjob communications (send/receive)
- System calls for Print/Batch Services
- The Concise Command Language (CCL) facility
- Magnetic tape label formats
- RSTS/E error messages

### 2.8 MACRO Programming

## RSTS/E System Directives Manual AA-EZ10B-TC

This manual describes RSTS/E run-time systems as well as monitor and emulator directives. The directives perform such operations as input and output, changing the memory size allocated for a program, accessing resident libraries, and switching to a new run-time system. These operations (and others described in the manual) are useful for assembly language programmers on RSTS/E.

#### Topics include:

- General monitor directives, which let you open, close, read, and write files and perform other system functions. Some of these directives, called UUOs, correspond to the BASIC system function calls described in the RSTS/E Programming Manual. The RSTS/E System Directives Manual provides information on data passed and returned for each UUO, but refers you to the RSTS/E Programming Manual for a complete description of the call.
- RSX emulator directives, which are useful if you are coding a program to run under the RSX run-time system.
- RT11 emulator directives, which are useful if you are coding a program to run under the RT11 run-time system.

In addition to chapters on the directives, the manual contains appendixes on error messages, disk device sizes, and a summary of MODE and RECORD modifiers for various devices.

## IAS/RSX-11 ODT Reference Manual AA-M507A-TC

This manual describes the Octal Debugging Tool (ODT) for debugging assembly language programs developed under the RSX run-time system. ODT is available to RSTS/E users as the object file ODT.OBJ and is used to set breakpoints, display and change the contents of memory locations as the program is running, and perform other debugging tasks.

#### Topics include:

- Linking ODT with your program
- Starting and ending a debugging session
- · ODT characters and symbols
- · Breakpoints and program execution
- Commands for opening, modifying, and closing word and byte locations
- Using registers
- Memory operations

### PDP-11 MACRO-11 Language Reference Manual

AA-KX10A-TC

AD-KX10A-T1 (update)

This manual describes how to use the MACRO-11 relocatable assembler to develop assembly language programs. RSTS/E has two MACRO assemblers: the RSX-based MAC assembler and the RT11-based MACRO assembler. This language manual is a common reference source for both.

#### Topics include:

- Key features of MACRO-11
- Source program format, standards, and conventions
- MACRO character set, symbols, terms, and expressions
- Relocation and linking of object modules
- Using addressing modes (register, autoincrement, autodecrement, index, immediate, absolute, and relative) to access and manipulate data stored in memory
- Reference sections on MACRO directives
- Assembling MACRO-11 programs on RSTS/E and other operating systems

## RSTS/E RMS-11 MACRO Programmer's Guide AA-P507A-TC

The RSTS/E RMS-11 MACRO Programmer's Guide describes how to access and use RMS functions in MACRO programs. Use it in conjunction with the RSTS/E RMS-11 User's Guide.

#### Topics include:

- · MACRO and symbol overview
- MACRO declarations
- Use of pool space
- Declaring and initializing control blocks
- · Writing routines and handlers
- · Program assembly
- File and device characteristics
- Directory and file operations
- Record processing
- · Block processing
- MACRO alphabetic reference
- Summary information about RMS-11 control blocks (including ALL, DAT, KEY, NAM, PRO, and SUM blocks, and FABs and RABs)

#### 2.9 Internals and Data Structures

## RSTS/E Internals and Data Structures Manual AA-PB60A-TC

This manual provides systems level developers and programmers with a comprehensive technical overview of the RSTS/E monitor. The manual contains a functional definition of the monitor and presents the philosophy, functionality, and structure of RSTS/E as a total unit. The emphasis in this manual is on how the various elements of the system fit and function together.

## **Associated Product Documentation**

In addition to software products such as SORT/MERGE, EDT, and RMS that are included as part of RSTS/E, a large variety of optional products is available. Depending on your needs, you can purchase one or more of these software products and add them to the RSTS/E operating system.

These optional products include programming languages such as BASIC-PLUS-2, communications options such as DECnet/E, and application packages such as WPS-PLUS.

This chapter briefly describes each of these optional products. The products are listed alphabetically, and the descriptions include the titles and order numbers for the product's documentation. The descriptions of the products are not complete. Refer to the product's Software Product Description for a definitive list of product capabilities and requirements. If you want more information on a product prior to purchase or if you want to order additional documentation for a product you own, these titles and order numbers can be useful. See Chapter 4 for information on ordering documentation.

#### 3.1 **BASIC-PLUS-2**

**BASIC-PLUS-2 Installation Guide** AA-H773H-TC

**BASIC Reference Manual** AA-JP30A-TK

**BASIC User's Guide** AA-JP35A-TK

**BASIC Pocket Reference Guide** AV-L341A-TK

The BASIC-PLUS-2 language processor is composed of a compiler and a Run-Time System/Library. The language, a superset of BASIC, is a conversational programming language that uses simple English statements and familiar mathematical notations to perform a variety of operations.

#### 3.2 COBOL-81

COBOL-81 Reference Manual AA-J434D-TC

COBOL-81 User's Manual AA-M179F-TC

**COBOL-81 Installation Guide** AA-R758E-TK

COBOL-81 Quick Reference Guide AV-H630E-TC

COBOL-81 is a language processor composed of a compiler and an Object Time System/Library. It is a defined subset of ANSI COBOL and meets the ANSI-74 low-level specification with some additions and omissions as noted in the Software Product Description. On RSTS/E, this version of COBOL replaces PDP-11 COBOL.

#### 3.3 DATATRIEVE-11

DATATRIEVE-11 User's Guide AA-X023C-TK

**DATATRIEVE-11 Reference Manual** AA-U049B-TK

**DATATRIEVE-11 Installation Guide** AA-X022D-TC

DATATRIEVE-11 Call Interface Manual AA-U050C-TC

**DATATRIEVE-11 Summary Description** AA-U052C-TC

DATATRIEVE-11 Quick Reference Guide AA-X103C-TK

DATATRIEVE-11 Guide to Writing Reports AA-U051B-TK

Introduction to DATATRIEVE-11 AA-X025B-TK

DATATRIEVE-11 is an interactive query, report, and data maintenance system. The product provides facilities for selectively retrieving data, sorting, formatting, and updating that data, and generating reports without the need for programming.

### 3.4 DECdx

**DECdx Getting Started** AV-P146A-TK

DECdx User's Guide AA-U153A-TK

**DECdx/RSTS Installation and Information** AA-P148A-TC

DECdx is a software package that makes asynchronous communication possible between a RSTS/E host and a WPS-8 Word Processing System. It uses DX errorcorrecting protocol and causes the WPS system to appear as a normal terminal to the RSTS/E host application programs. With DECdx, you can transfer documents to DECmate word processing systems, and DECWORD and WPS-PLUS word processors.

#### 3.5 DECmail-11

**DECmail-11 Installation and Management Guide for RSTS** AA-P505C-TC

**DECmail-11 User's Guide for RSTS** AA-P504C-TC

**DECmail-11 Reference Card for RSTS** AV-AF34C-TC

DECmail-11 is an electronic mail package that lets you send messages or files to other users on your RSTS/E system. You can also use DECmail-11 to communicate with other RSTS/E, Micro/RSTS, RSX-11M-PLUS, Micro/RSX, or VAX/VMS systems connected to your system by DECnet/E or Message Router. With DECmail-11, you can send, read, answer, forward, file, list, print, and delete mail messages.

#### 3.6 DECnet/E

DECnet/E Network Installation and Update Guide AA-K714C-TC

**DECnet/E Release Notes** AA-M269D-TC

**Introduction to DECnet Phase IV** AA-J055D-TK

DECnet/E System Manager's Guide AA-H505D-TC

**DECnet/E** Guide to User Utilities AA-H504C-TC

Digital Network Architecture IV AA-N149A-TC

**Network Management Functional Specification V4.0** AA-X437A-TK

**DECnet/E Programmer's Reference Manual** AA-HJ94A-TC

DECnet/E allows a suitably configured RSTS/E system to operate as a node in point-to-point computer networks. It offers task-to-task communications and network file transfer capabilities using the Digital Network Architecture (DNA) protocols. The network functions available depend, in part, on the configurations of the rest of the network. You should consult the Software Product Description for a complete list of functions and features.

#### 3.7 FMS-11/RSTS

FMS-11/RSTS Software Reference Manual AA-L323A-TC

FMS-11/RSTS Installation Guide and Release Notes AA-L324A-TC

FMS-11/RSTS Pocket Guide AV-L325A-TC

FMS (Forms Management System) is a forms-oriented, video I/O management system. It is an independent software user interface that handles much of the video I/O management you usually code into application programs.

### 3.8 FORTRAN-IV

RT-11 RSTS/E FORTRAN-IV User's Guide AA-5749B-TC AD-5749B-T1 (update)

PDP-11 FORTRAN Language Reference Manual AA-R953A-TK

FORTRAN-IV is an extended implementation of the FORTRAN language based on the ANSI FORTRAN X3.9-1966 standard.

### 3.9 MENU-11/RSTS

MENU-11/RSTS System Manager's Guide AA-N098B-TC

MENU-11/RSTS Installation Guide/Release Notes AA-N860B-TC

MENU-11/RSTS Reference Card AV-Y342A-TC

MENU-11/RSTS lets RSTS/E application developers and system managers design customized, menu-driven interfaces between their RSTS/E system and its users. This product consists of programs that interact with the RSTS/E system and control the display of menus for users according to prepared command files. It provides commands both for screen formatting and program execution. Menu options can execute system commands, run application programs, and perform the same action or series of actions as RSTS/E.

## 3.10 PDP-11 C

Guide to PDP-11 C AA-NA44A-TC

PDP-11 C RTL Reference Manual AA-NA45A-TC

PDP-11 C Installation Guide AA-NA46A-TC

PDP-11 C for RSTS/E is a reliable language processor for Digital Equipment Corporation's proprietary operating systems on the PDP-11. It is highly compatible with the Draft Proposed ANSI standard for the C language. PDP-11 C can be used to develop code for inclusion in resident libraries and other low level system routines.

#### 3.11 PDP-11 FORTRAN-77

PDP-11 FORTRAN-77 OTS Reference Manual AA-V195B-TK

PDP-11 FORTRAN-77 User's Guide AA-V194B-TK

PDP-11 FORTRAN-77 Installation Guide AA-V196E-TK

PDP-11 FORTRAN-77 Language Reference Manual AA-V193B-TK

FORTRAN-77 (formerly called FORTRAN-IV PLUS) is based on the American National Standard Programming Language FORTRAN, ANSI X3.9-1978. The ANSI standard specifies both a subset language and a full language. FORTRAN-77 supports all of the subset language features and most of the full language features. See the FORTRAN-77 Software Product Description for a complete definition.

## 3.12 PDP-11 Symbolic Debugger

PDP-11 Symbolic Debugger User's Guide AA-FA60A-TK

PDP-11 Symbolic Debugger Quick Reference AA-FA61A-TK

PDP-11 Symbolic Debugger Installation Guide AA-FA62B-TK

PDP-11 Symbolic Debugger COBOL-81 User's Guide AA-FA63A-TK

PDP-11 Symbolic Debugger FORTRAN-77 User's Guide AA-FA64A-TK

PDP-11 Symbolic Debugger MACRO-11 User's Guide AA-HL43A-TK

PDP-11 Symbolic Debugger is a tool for finding run-time errors in programs that compile and task build successfully. PDP-11 Symbolic Debugger can be used to debug applications written in COBOL-81, FORTRAN-77 or MACRO, or a combination of the three.

### 3.13 PLXY-11/RSTS

PLXY-11 User's Guide

AA-J535B-TK

PLXY-11/RSTS is a software package that provides RSTS/E users with access to the plotting capabilities of the LXY or LXV printer/plotter. The package consists of a library of callable graphic subroutines, written in FORTRAN, and a task that creates the plot file.

#### 3.14 RSTS/E DIBOL

RSTS/E DIBOL User's Guide

AA-5205F-TC

RSTS/E DIBOL Release Notes and Installation Guide

AA-5504H-TC

**DECform User's Guide** 

AA-5792F-TC

**DIBOL** for Beginners

AA-BI77A-TK

**DIBOL-83 Language Reference Manual** 

AA-U066A-TK

AD-U066A-T1 (update)

**DIBOL Compatibility Guide** 

AA-V810B-TK

Introduction to DIBOL-83

AA-P042B-TK

**DIBOL-83 Language Reference Card** 

AV-U067A-TK

dpANS DIBOL Language Reference Manual

AA-KZ36A-TK

RSTS/E DIBOL is a software package that includes the DIBOL-83 language processor and the DECform screen formatting and file review utility. DIBOL-83, DIGITAL's Business-Oriented Language, is a structured high-level language for commercial applications programming. DIBOL-83 is designed specifically for creating interactive applications programs. DECform is a powerful data entry and file inquiry package that allows the development of interactive data entry screen formatting, file modification, and verification functions.

### 3.15 WPS-PLUS/RSTS

WPS-PLUS/RSTS Getting Started AA-KT22A-TC

WPS-PLUS/RSTS Editor Functions AA-KT23B-TC

WPS-PLUS/RSTS List and Sort Processing AA-KT24A-TC

WPS-PLUS/RSTS Quick Lookup AA-KT25A-TC

WPS-PLUS/RSTS Glossary AA-KT28A-TC

WPS-PLUS/RSTS Installation Guide AA-KT29B-TC

WPS-PLUS/RSTS On RSTS AA-KT30A-TC

**WPS-PLUS/RSTS** Guide to Printer Tables AA-KT31A-TC

WPS-PLUS/RSTS is a document processing application that provides Gold key-style word processing. WPS-PLUS/RSTS features menu-driven document processing, including word and list processing with math and sort capabilities. WPS-PLUS/RSTS allows users to create, edit, and print documents; produce form letters and maintain mailing lists; file and retrieve documents, include data from an application in a WPS document; and include diagrams, matrices, composite and multinational characters in a document. It contains a spell verifier and corrector, and conversion utilities that allow documents to be converted to ASCII or DX format.

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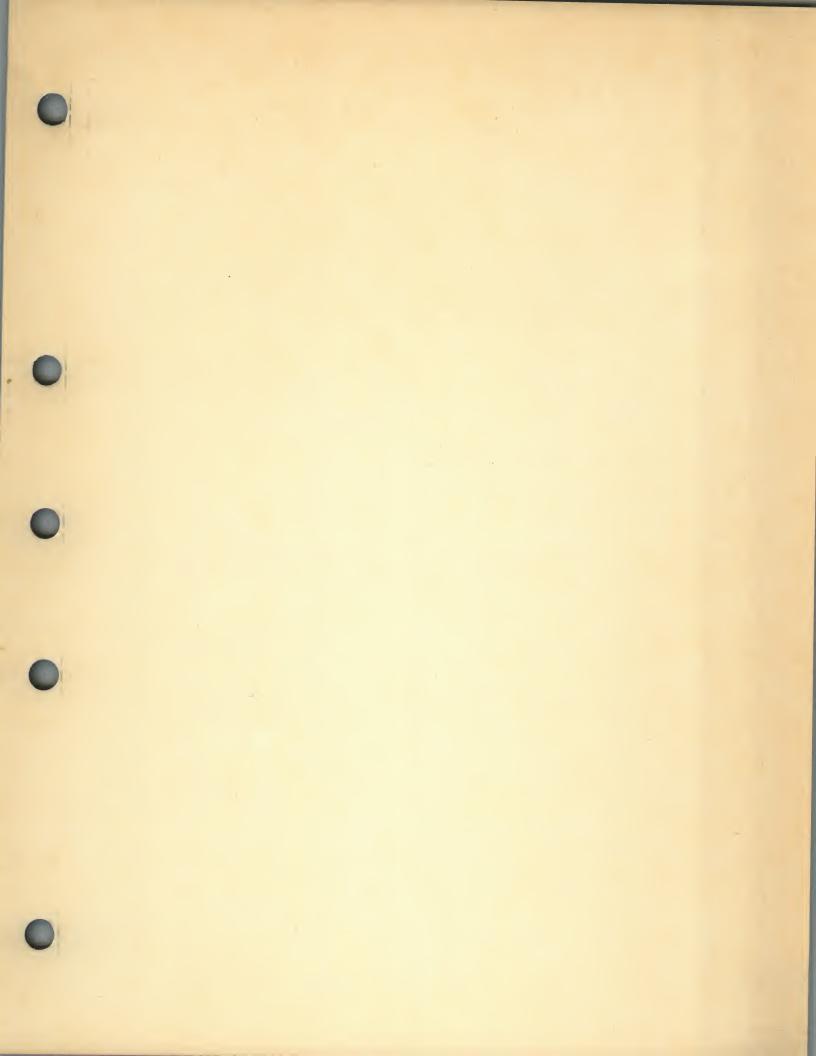
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